

Application No.: 10/030/163
Examiner: Daniel ST.CYR
Art Unit: 2876

Please amend the application in accordance with the following particulars.

In the Claims

Amendments to claims 1-18 are presented below under the heading
"Amendments to the Claims."

AMENDMENTS TO THE CLAIMS

1 . (Currently Amended) A method for biometric authentication of a person, comprising the steps of

[[-]] detecting ~~a person's~~ biometric data of a person and storing the detected biometric data as reference data,

[[-]] determining [[a]] at least one parameter ~~with reference to the person's individual properties influencing the~~ based on at least one individual property of the person that specifically influences sensory detection of the said biometric data, and storing the determined parameter to be taken into account in at least one of the following method steps,

[[-]] redetecting the person's biometric data,

[[-]] comparing the redetected biometric data for a match with the reference data, and

[[-]] authenticating the person if the match reaches a degree above a defined threshold value.

2. (Currently Amended) [[A]] The method according to claim 1, characterized in that the determined parameter is taken into account in the step of authenticating the person.

3. (Currently Amended) [[A]] The method according to claim 2, characterized in that the defined threshold value is dependent on the determined parameter.

4. (Currently Amended) [[A]] The method according to claim 1, characterized in that the determined parameter is taken into account in the step of redetecting the biometric data.

5. (Currently Amended) [[A]] The method according to claim 4, characterized in that the determined parameter is used for adjusting a sensor system for redetecting the biometric data.

6. (Currently Amended) [[A]] The method according to claim 1, characterized in that the person is granted limited possibilities of activity depending on the determined parameter.

7. (Currently Amended) [[A]] The method according to claim 1, characterized in that the person is granted limited possibilities of activity depending on the degree of the match between the redetected biometric data and the stored reference data.

8. (Currently Amended) [[A]] The method according to claim 1, characterized by the additional step of adapting a sensor system for redetecting the biometric data to the environmental conditions prevailing at the time of redetection.

9. (Currently Amended) [[A]] The method according to claim 7, characterized in that the environmental conditions prevailing during detection of the biometric data as reference data are stored and taken into account when the sensor system is adapted upon redetection of the biometric data to the environmental conditions prevailing at the time of redetection.

10. (Currently Amended) An apparatus comprising a first memory area with a person's biometric data as reference data and a second memory area with a parameter ~~determined with reference to the person's individual properties influencing~~ based on at least one individual property of the person that specifically influences the sensory detection of the said biometric data.

11. (Currently Amended) ~~[[An]]~~ The apparatus according to claim 10, characterized in that the apparatus is a data carrier, in particular a smart card.

12. (Currently Amended) ~~[[An]]~~ The apparatus according to claim 10, comprising a third memory area with information on the environmental conditions prevailing during detection of the biometric data contained in the first memory area.

13. (Currently Amended) A system comprising

~~an apparatus according to claim 10,~~

an apparatus having a first memory area with a person's biometric data as reference data and a second memory area with a parameter based on at least one individual property of the person that specifically influences the sensory detection of said biometric data,

~~[[-]]~~ a first device for detecting a person's biometric data, and

~~[[-]]~~ a second device for comparing the reference data stored in the first memory area of the apparatus for a match with the person's detected biometric data and authenticating the person if the match reaches a degree above a defined threshold value, at least one of the devices being coupled with the parameter stored in the second memory area of the apparatus.

14. (Currently Amended) [[A]] The system according to claim 13, characterized in that the second memory area of the apparatus with the determined parameter and the device for authenticating the person are coupled by the defined threshold value depending on the determined parameter.

15. (Currently Amended) [[A]] The system according to claim 13, characterized in that the second memory area with the determined parameter and the device for detecting the person's biometric data are coupled by the determined parameter being taken into account during adjustment of a sensor system for detecting the biometric data.

16. (Currently Amended) [[A]] The system according to claim 13, characterized in that the system contains an activity filter which is variable in dependence on the determined parameter.

17. (Currently Amended) [[A]] The system according to claim 13, characterized in that the system contains an activity filter which is variable in dependence on the degree of the match between the redetected biometric data and the stored reference data.

18. (Currently Amended) [[A]] The system according to claim 13 ~~insofar as dependent on claim 12~~, characterized in that the device for detecting the person's biometric data includes a sensor system which is variably adjustable to the environmental conditions prevailing during detection of the person's biometric data depending on the information stored in the third memory area of the apparatus.